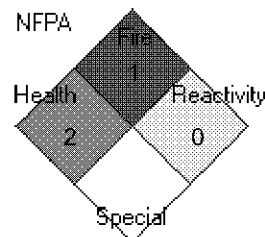


**MSDS - Material Safety Data Sheet****Product Name: Soldering Paste****MSDS No.: 097250****Part Numbers Covered:**

097205-12 097220-12 097405 097507  
 097205-48 097225-144 097406 097508  
 097206 097225-6 097455-12 097509  
 097208-48 097225-C 097455-D 097511  
 097210-12 097250 097460 097516  
 097212-12 097300-6 097500 097517  
 097215-12 097301-6 097505 097518  
 097216-48 097305 097505-D  
 097218-48 097306 097506

**I. Basic Information:**

**Manufacturer:** WILLIAM H. HARVEY COMPANY  
**Address:** 4334 SOUTH 67TH STREET  
**City, ST Zip:** OMAHA, NE 68117-1019

**Last Update:** 7/8/2002**Chemical State:** ☐ Liquid ☐ Gas ☒ Solid**Chemical Type:** ☐ Pure ☒ Mixture

2	Health
1	Flammability
0	Reactivity
	Pers. Protection

**II. Ingredients:**

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
12125029	AMMONIUM CHLORIDE	NI					X	10 MG/M3	20	NI
8009038	PETROLATUM	NI						5 MG/M3	NI	NI
7646857	ZINC CHLORIDE	NI					X	1 MG/M3	2 MG/M3	NI

**III. Hazardous Identification:****Hazard Category:**
☐ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive
**Hazardous Identification Information:**

NDA

**IV. First Aid Measures:****Route(s) of Entry:**

INHALATION, INGESTION AND SKIN

**Health Hazards (Acute and Chronic):**

IRRITATION MAY RESULT FROM CONTACT. LONG CONTACT MAY CAUSE DAMAGE. MUTAGENIC IN LAB ANIMALS. HEALTH STUDIES HAVE SHOWN THAT POTENTIAL HEALTH RISKS MAY VARY BY INDIVIDUAL. ALWAYS MINIMIZE EXPOSURE AS A PRECAUTION.

**Signs and Symptoms:**

# MSDS - Material Safety Data Sheet

**Product Name:** *Soldering Paste*

**MSDS No.:** 097250

EYES: REDNESS, BURNING TEARING, BLURRED VISION  
SKIN: REDNESS, BURNING, RASH, DRYNESS  
INHALATION: HEADACHE, DIZZINESS, DIFFICULTY BREATHING  
INGESTION: NAUSEA, VOMITING, CRAMPS

**Medical Conditions Generally Aggravated by Exposure:**

SKIN AND RESPIRATORY CONDITIONS

**Emergency and First Aid Procedures:**

EMERGENCY FIRST AID CALL: 1-303-623-5716 COLLECT  
EYES: FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES; SEEK MEDICAL ATTENTION  
SKIN: FLUSH WITH WATER IMMEDIATELY; SEEK MEDICAL ATTENTION.  
INHALATION: REMOVE TO FRESH AIR; SUPPORT RESPIRATION IF REQUIRED; CALL A PHYSICIAN  
INGESTION: DRINK LARGE AMOUNTS OF WATER; SEEK MEDICAL ATTENTION

**Other Health Warnings:**

AVOID CONTACT. KEEP OUT OF REACH OF CHILDREN AND PETS!

## V. Fire Fighting Measures:

**Flash Point:** 490 F DEG      **Lower Explosive Limit:** NI      **Upper Explosive Limit:**  
**Fire Extinguishing Media:** DRY CHEMICAL

**Special Fire Fighting Procedures:**

TREAT AS GAS FIRE. FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST SMOKE  
INHALATION

**Unusual Fire and Explosion:**

NI

## VI. Accidental Release Measures:

**Steps to be Taken in Case Material is Released or Spilled:**

FLUSH INTO A CHEMICAL SEWER OR SOAK UP WITH A SUITABLE ABSORBANT

## VII. Handling and Storage:

**Precautions to be Taken:**

KEEP CONTAINER CLOSED WHEN NOT IN USE

**Other Precautions:**

AVOID CONTACT. KEEP OUT OF REACH OF CHILDREN AND PETS!

## VIII. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

LOCAL EXHAUST; MECHANICAL (GENERAL) OK

**Personal Protective Equipment:**

RUBBER OR PLASTIC PROTECTIVE GLOVES, FACE SHIELD OR GOGGLES, OTHER PROTECTIVE EQUIPMENT OR CLOTHING  
AS REQUIRED TO AVOID CONTACT WITH SKIN. WASH AFTER USE; FOLLOW GOOD INDUSTRIAL HYGIENIC PRACTICES;  
LAUNDER SOILED CLOTHING BEFORE RE-USE.

# MSDS - Material Safety Data Sheet

**Product Name:**      **Soldering Paste**

**MSDS No.:**      **097250**

## IX. Physical and Chemical Properties:

**Boiling Point:**      NI                              **Melting Point:**      82 F DE                              **Evaporation Rate:**      <1

**Vapor Pressure (mm Hg.):**      NI                              **Vapor Density (AIR = 1):**      NI

**Solubility In Water:**      SLIGHTLY

**Appearance and Odor:**      YELLOW SOLID; PETROLEUM ODOR

**Other Information:**

## X. Stability and Reactivity:

**Stability:**  
STABLE

**Incompatibility (Materials to Avoid):**  
STRONG BASES

**Decomposition/By Products:**  
AMMONIA

**Hazardous Polymerization:**  
WILL NOT OCCUR

## XI. Toxicological Information:

NDA

## XII. Ecological Information:

NDA

## XIII. Disposal Considerations:

DISPOSE OF IN A LANDFILL IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS

## XIV. Transport Information:

TRANSPORATION INFORMATION:

DOT PROPER SHIPPING NAME: SOLDERING PASTE

DOT LABEL: NOT REGULATED

DOT NUMBER: N/A

UN NUMBER: N/A

MCO CLASS: N/A

DOT HAZARD CLASSIFICATION: N/A

## XV. Regulatory Information:

NDA

## ***MSDS - Material Safety Data Sheet***

***Product Name: Soldering Paste***

***MSDS No.: 097250***

### ***XVI. Other Information:***

#### **ABBREVIATIONS:**

N/A = NOT APPLICABLE N/I = NONE INDICATED NDA = NO DATA AVAILABLE  
N/E = NOT ESTABLISHED C = CELSIUS DEGREES F = FAHRENHEIT DEGREES

#### **DISCLAIMER:**

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE, UP-TO-DATE, AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, WILLIAM H. HARVEY COMPANY CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USES.